

## MYSTIC

Artists to Exhibit Paintings as Usual During August—Miss Hewitt to Supervise Penmanship in Norwich Schools.

The third annual exhibition of the Mystic Art association will be held in the Broadway school during August. Most of the artists who have in preceding years contributed to the success of the undertaking will be represented this year, and many new pictures will be added.

**School District Meeting.**  
The annual school meeting of the Tenth Groton school district was held last week in the schoolhouse at West Mystic, with Judge Albert Stanton as chairman. Amos R. Chapman was re-elected committeeman and also treasurer and collector. Herbert Wolfe was chosen clerk, and Judge Stanton and William J. Davy auditors. The indebtedness of the district amounts to \$700, but it was not voted to lay any tax on the district this year.

**Will Teach in Norwich.**  
Miss H. Lillian Hewitt, for several years teacher at the West Broad street school, town of Stonington, has declined the offer as principal of that school for the ensuing year, and is to be supervisor of writing in the Norwich public schools. Miss Hewitt has recently completed a course in penmanship and will begin her duties in September.

**Gerrish-Lacy Marriage.**  
Cards have been received in Mystic announcing the marriage of Mrs. Beulah Lacy and Archibald Gerrish of Delmar, N. Y. Mr. Gerrish was a former Mystic boy and has many friends here. Mr. and Mrs. Gerrish are motoring in the New England states. They will reside in Delmar, N. Y.

**Social and Personal Interests.**  
Mrs. J. Alden Rathbun is visiting her grandson, J. Alden Saunders, and family, in Pontiac, Mich.

Miss Clara Chase is in New Bedford for the summer.

Miss Sarah Adamson is visiting in South Manchester.

Mrs. Thomas Mercer is in Providence for a visit.

Mrs. Charles H. Cottrell is in town for the summer.

Edward Gilroy of Woodville, R. I., spent Friday in Mystic.

Enos M. Gray and George Riggs of Ledyard spent Friday in the village.

Mrs. Harry Cornwall and family of Wyoming, N. Y., are at their home on Cliff street for the summer.

Richard Moran of St. Paul, Minn., is the guest of his parents, Mr. and Mrs. Christopher Morgan.

**Deaconess Preached.**  
Miss Josephine Fiske of the Deaconess home in Providence had charge of the services in the M. E. Church Sunday morning in the absence of the pastor, Rev. W. H. Dunnack, who is away on his vacation.

George S. Scott has been in New York this week.

Miss Louisa Schroder of New York is the guest of her father, Henry Schroder.

Arthur Clayton has returned to Police, Idaho, after a visit to his sister, Miss Gladys Clayton MacGowan.

**In Adams Express Office.**  
Clarence Langphere has resigned as conductor on the Groton and Stonington railway and is employed by the Adams Express company.

J. Watcombs Wilcox has returned from a visit in New York.

John B. Copp is visiting in New York.

## NOANK

**Palmer House Landed—Rumor That Shipyard Plant is to Be Expanded—D. of A. Memorial Day.**

The Palmer house, near the shipyard, has been leased for the summer to Capt. Frank Meader and family. Captain Meader has charge of work at the Palmer shipyard and his family is visiting here from Melrose, Mass.

Summer life at Groton Long Point has received additional enjoyment from the installation of a second tennis court.

The family of Philip Henault of Norwich has arrived at Groton Long Point for the summer.

**More Room for Shipyard.**  
The Peter West property at the shipyard is to be sold and it is understood that it is to be purchased by the Morse company and used in enlarging the property of the plant, which now occupies more room. The shipyard is being altered in preparation for the contemplated changes. It is a difference will be built entirely about it.

Mrs. John Foster and three children have left the village for a stay with relatives out of town after spending some time here from their home in South Norwalk.

Mrs. Emma See has returned to her home in New York, N. Y., after a visit of a month with relatives here.

Franklin P. Perry has returned employment in the Palmer shipyard.

Mrs. Frank Dwyer is visiting Mr. Howe in Albany, N. Y.

Commissioner E. D. Hall and family of Windham are at their summer cottage at Groton Long Point.

Attorney John Grey of Bridgeport spent the week end with Mrs. Grey and their children here.

A. E. Rathbun has returned from a visit in Bridgeport.

Mrs. Bernard of Bridgeport has returned home after a visit here.

Capt. Arthur Ruffe has returned to his coal barge after a visit with his family here.

Mrs. B. W. Latham and Miss Ethel Wood Latham have returned from a visit to Mr. and Mrs. L. L. Brooks in Modjeska.

**D. of A. Memorial Sunday.**  
Sunday afternoon Liberty council, D. of A., observed Memorial day and the 29 graves in Valley cemetery were decorated. The members met with Mrs. Mary C. Latham at 3 o'clock.



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## YANTIC

**Holiday Guests and Travelers—Mill Closes Over the Fourth—Personal Mention.**

Mrs. H. Kileen and daughter, Miss Nora Kileen, are spending the holidays with Dayville relatives.

Patrick Conolly is spending the holidays in Lowell with his mother, Mrs. J. Conolly.

George W. Taylor is at Hillside, Me., at his summer home, over the holiday.

Mr. and Mrs. John Brissette, Miss Flora Lafonte and Mr. and Mrs. Charles Smith left town Saturday for an automobile trip of several days through the Berkshires, visiting relatives in Leominster and Holliston en route.

George W. Clark of Derby is spending the holidays with Mrs. Clark.

**House Party for Holiday.**  
Mr. and Mrs. Howard Bishop are entertaining a house party of 12 over the holidays. Among the guests are Mr. and Mrs. John Jones, Mr. and Mrs. Evan Jones and son Ned and Mr. and Mrs. William Jones of Waterbury, Mrs. Sarah Schlough and Miss Bertha Schlough of Waltham.

**Motored from Waterbury.**  
Everett and Elmer Olcott of Waterbury spent Sunday in town with their brother, F. Landon Olcott, making the trip in their automobile. On the return they were accompanied by their parents, Mr. and Mrs. Frank Olcott, and Mrs. E. Lindere Olcott and son Frank.

Mrs. George Sherman spent a day in Lebanon recently with Mrs. Clark.

**Holiday for Employees.**  
The Admore Woollen company's plant here shut down Friday night, to reopen Wednesday.

Mrs. J. Frank Durgin left town Saturday for a few weeks' stay with Mr. and Mrs. Rowland Hewitt of Stonington.

The candidates are expected to be...

## COLCHESTER

**Visitors From Kansas—Many Attend Cafeteria Supper—Dr. E. B. Cragin Arrives For the Season.**

Mr. and Mrs. Edward G. W. Wickwire of Larned, Kansas, are guests of Mr. Wickwire's mother on South Main street. Mr. Wickwire is a native of this place and a graduate of Bacon Academy. He is at present engaged in the drug business in Larned.

**Cafeteria Supper.**  
A Cafeteria supper was given in the Congregational Chapel Friday evening by the members of the C. P. P. S. and was largely attended.

**Famous Physician in Town.**  
Dr. Edwin B. Cragin of New York arrived at his summer residence on Broadway Friday evening for the season.

O. H. A. Milhan and family of Brooklyn, New York, have Elmwood Heights, Friday evening, making the trip here in Mr. Milhan's car.

Rev. Franklin M. Goodchild and family of New York arrived in town Friday evening and will occupy their cottage at Haywards lake for the summer season. Mr. Goodchild is pastor of the Central Baptist church in New York. The trip was made here in their automobile.

Mrs. Ella Cragin and daughter, Miss Ella Cragin, have gone to West Hartford for a few weeks' visit with Mrs. Cragin's daughter, Mrs. George Reynolds.

Mr. and Mrs. Ronald K. Brown have arrived at their summer residence on Broadway for the season.

Mrs. A. E. Cragin and brother, Allan Perham, left Friday for several weeks' visit in New Haven.

Miss Addie May Wickwire of New York is the guest of her mother, Mrs. G. G. Wickwire on South Main street.

William H. Button was calling on...

friends in North Westchester on Saturday.

Ernie Holmes and party were in Norwich, Saturday.

John Cavanaugh of New Haven was at his home on Norwich avenue over Saturday.

## MOOSUP

**Crowd Assembles to Hear Band Concert—Dr. Downing Buys Milner Property.**

The Moosup National band gave a fine concert Friday evening at eight o'clock in front of Roy's store. Many local people and those from surrounding towns assembled to hear the music. This is the first band concert of the year. Other concerts are expected later.

**Buys Milner Property.**  
Dr. Downing has recently bought the late John Milner property and expects to move in soon. A road will possibly be made, cutting across his land connecting the Main street with one of the Church street roads.

Mrs. Charles Sanderson spent the week end in Hartford.

Editor Burgess and family are spending a week's outing at the shore. Mrs. John Milner was a recent visitor in town.

**Origin of Bilge Keels.**  
The present system of "bilge keels" in combination with a plate centre keel, now in universal use by the ocean steamships of the Mercantile Marine, had its origin in the following circumstances:

In 1874 an intercontinental steamer belonging to the African Steamship Company, named the Elbow, returned from her station in the Bight of Benue, west coast of Africa, with an evil reputation for dangerous rolling.

I was at that time marine superintendent of the company, and I had the vessel dry docked and examined her hull. She had been built with a thick plate in lieu of a bar keel in order

to save draught of water, and as I looked at her egg-shaped and keelless bottom, which offered no resistance whatever to rolling, her reputation as a dangerous roller was to me fully explained. Upon consideration I concluded that the remedy would be to fit her with keels of bulb angle of the same size as the keels placed at an angle of 45 degrees from the horizontal and carried forward and abaft of her midship section for only one-third of her total length. I felt certain that this combination of bilge keels with her plate centre keel would check her rolling tendency.

However, the Elbow was sold shortly afterwards, and this favorable opportunity of proving the efficacy of "bilge keels" upon an inveterate roller was lost. But the company had decided to build a specially constructed light draught steamer for service between their Benue River receiving hulk and the adjacent rivers Opobo and New Calabar. I therefore designed bilge keels in combination with a plate keel for this vessel and stowed the designs to the manager of the Liverpool Forge Company at whose ship it was intended to build the vessel. No difficulty of construction being raised, I obtained the permission of the manager of the African Steamship Company (Mr. A. Sinclair) to the experiment of "bilge keels" being made on the Opobo, and this was the first steamer to which the invention was applied. She sailed in the autumn of 1876 for the west coast of Africa, and so remarkable was her steadiness at sea, and in the heavy rollers when crossing the bars of the African rivers that the system of "bilge keels" in combination with a plate keel was subsequently adopted for steamers of both the African Steamship Company and the British and African Steam Navigation Company, and later on for the great ocean passenger steamers, to the increased comfort of the traveling public, who appreciate a "steady ship."

The purpose and effect of this combination was two-fold: (1) By substituting a plate for the old-fashioned bar keel to save the additional draught and (2) by the new bilge keel to counteract the rolling tendency of merchant steamships in a heavy sea.

Since 1876 there has been no departure in principle from my original design, and the combination universally used in the British Mercantile Marine, which is the best possible testimony to the efficacy of the system.

In reference to the experiments being conducted at the School of Naval Architecture in Liverpool, and referred to in your last issue, I may perhaps venture the opinion that the resistance of bilge keels to rolling is much greater when a vessel is steaming than when stationary; if so, it follows that laboratory experiments conducted with apparatus in a closed tank can give only approximate results.

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